

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/002508

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C04B35/536 B32B18/00 H01M2/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B B32B H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/069415 A (GRAFTECH INC) 6 September 2002 (2002-09-06) cited in the application claims 1-15	1-49
A	EP 0 568 270 A (PLASCON TECH) 3 November 1993 (1993-11-03) claims 1,8,9; figure 1	1-49
A	US 5 247 005 A (VON BONIN WULF ET AL) 21 September 1993 (1993-09-21) claims 1-3; example 1	1-49
A	US 5 288 429 A (VON BONIN WULF ET AL) 22 February 1994 (1994-02-22) claims 1-8; examples 1,2	1-49
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 January 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 607 889 A (PROSDOCIMI JACQUES ET AL) 4 March 1997 (1997-03-04) claims 1-4; example 1 -----</p>	1-49

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2004/002508

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02069415	A	06-09-2002	US 6605379 B1	12-08-2003
			WO 02069415 A1	06-09-2002
			US 2002172855 A1	21-11-2002
EP 0568270	A	03-11-1993	AT 155191 T	15-07-1997
			AU 3703693 A	28-10-1993
			CA 2094367 A1	23-10-1993
			DE 69311964 D1	14-08-1997
			DE 69311964 T2	20-11-1997
			EP 0568270 A1	03-11-1993
			US 5309690 A	10-05-1994
			ZA 9302755 A	28-10-1993
US 5247005	A	21-09-1993	DE 4117074 A1	26-11-1992
			AT 124676 T	15-07-1995
			CA 2069219 A1	26-11-1992
			DE 59202790 D1	10-08-1995
			EP 0515891 A1	02-12-1992
			JP 5221721 A	31-08-1993
US 5288429	A	22-02-1994	DE 4117077 A1	26-11-1992
			AT 124677 T	15-07-1995
			CA 2069220 A1	26-11-1992
			DE 59202791 D1	10-08-1995
			EP 0515892 A1	02-12-1992
			JP 5201758 A	10-08-1993
US 5607889	A	04-03-1997	FR 2715082 A1	21-07-1995
			AT 170775 T	15-09-1998
			CA 2140486 A1	20-07-1995
			DE 69504538 D1	15-10-1998
			EP 0664158 A1	26-07-1995
			JP 7257917 A	09-10-1995